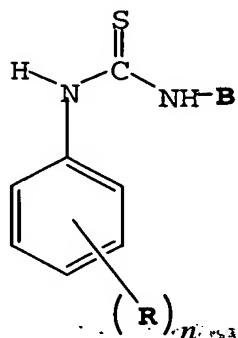


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Claims 1-8. (Canceled)

9. (Previously Presented) The compound represented by the formula



where **B** is a reacted amino group-containing biomolecule;

**R** is  $-\text{NHC(O)-O-M}$ ;

where  $n = 1$  or  $2$ ;

**M** is a reacted alcohol-containing macromolecule; and

$-\text{R}$  is para, meta or di-meta relative to  $-\text{NHC(S)-NH-B}$ .

10. (Presently Amended) The compound according to Claim 21 ~~claim 9~~ where **M** is methoxy polyethylene glycol.

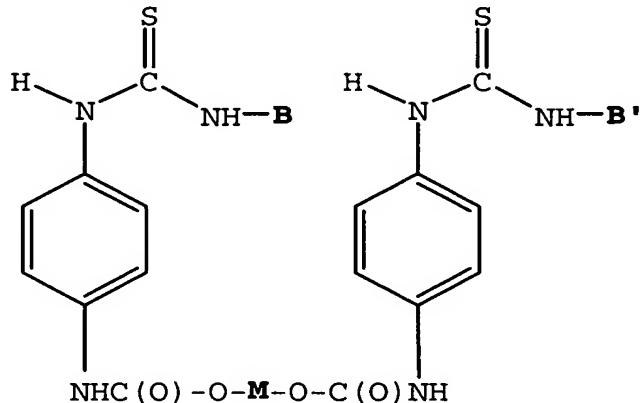
11. (Previously Presented) The compound according to Claim 9 wherein said macromolecule **M** is a hydroxy-containing surface.

12. (Previously Presented) The compound according to Claim 9 wherein said biomolecule **B** is streptavidin.

Claims 13-15. (Canceled)

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16. (Previously Presented) The compound represented by the chemical formula



where **B** and **B'** are the same or different reacted amino group-containing biomolecules, and  
**M** is a reacted alcohol-containing macromolecule.

17. (Presently Amended) The compound according to Claim 25 ~~claim 16~~ where **M** is polyethylene glycol.

Claims 18-20. (Cancelled)

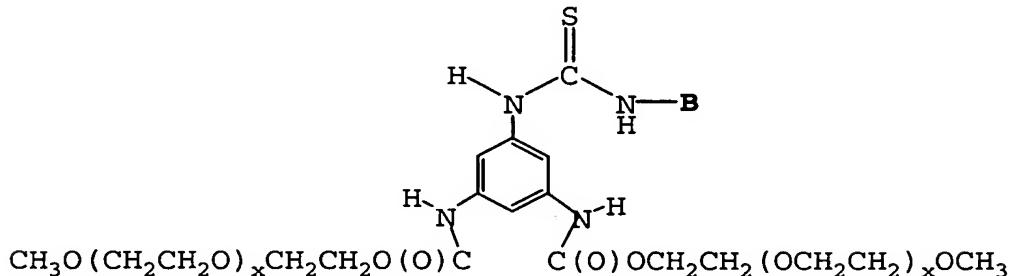
21. (New) The compound according to Claim 9, wherein **M** is a reacted polyethylene glycol or polysaccharide.

22. (New) The compound according to Claim 21 wherein the polysaccharide is dextran, cellulose, starch or agarose.

23. (New) The compound according to Claim 10 wherein the reacted methoxy polyethylene glycol is  $-\text{CH}_2\text{CH}_2-(\text{OCH}_2\text{CH}_2)_x-\text{O}-\text{CH}_3$ , and  $x$  is an average value that is about 5 to about 500.

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24. (New) The compound according to Claim 23



wherein said compound is represented by the formula above and  $x$  is an average value that is about 5 to about 500.

25. (New) The compound according to Claim 16, wherein **M** is a reacted polyethylene glycol or polysaccharide.

26. (New) The compound according to Claim 25 wherein the polysaccharide is dextran, cellulose, starch or agarose.

27. (New) The compound according to Claim 17 wherein the polyethylene glycol is methoxy polyethylene glycol having the formula -CH<sub>2</sub>CH<sub>2</sub>-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>x</sub>-O-CH<sub>3</sub>, and  $x$  is an average value that is about 5 to about 500.